



Course 1454 CEUs: 2.8

This advanced **Fisher Controls** course is for experienced personnel who will benefit from a broadened perspective of control valve performance and maintenance issues. Students are typically experienced valve mechanics and maintenance personnel, instrument technicians, and others who are responsible for total control valve and control loop performance.

Overview

This 4-day course provides an expanded and holistic view of control valve performance objectives and issues. Topics cover a broad range of skill areas including valve and instrument selection, sizing, calibration, maintenance, operation, and troubleshooting. The broad range of performance-related topics is designed to help students improve their abilities to install, maintain, and operate control valves and related equipment in a manner that improves loop performance and valve life.

Prerequisites Valve Technician I (Course 1404).

Topics

- Control Loop Basics
- Major Loop Components and Their Functions
- Piping & Instrumentation Drawings (P & ID's)
- Basic Component Symbology
- Connections and Wiring
- Control Loop Performance
- Loop Performance Objectives
- Influences On Loop Performance
- Valve Selection and Sizing
- Actuator Sizing
- Bench Set and Stem Connection
- Loading Pressure Instrument Selection
- Loading Pressure Instrument Calibration
- Accessory Selection and Configuration
- Severe Service Considerations
- Troubleshooting Basics
- Diagnostics
- Process Variability
- Performance Maintenance Issues

Course Location Control Dynamics
201 Wylderose Dr.
Midlothian, VA 23113

Sponsored By Control Dynamics

To Enroll or for More Information Contact Connie Goodman (804) 858-5800 or e-mail Connie.Goodman@Control-Dynamics.com

Course Dates June 12-15, 2007 (Session #0010)

Registration Deadline 2 weeks prior to course date

Price \$2,000 USDL

Purchase order or payment is required at the time of enrollment. PO, checks & credit cards acceptable and made payable to **Control Dynamics**.

Cancellations: If your plans or budgets change, you may cancel your reservations up to 14 calendar days prior to the start of the course without incurring a cancellation charge. Limited enrollment makes it necessary to charge 50% of the full tuition for cancellations received during the 14 days prior to the start of the course, and full tuition for failure to attend without canceling. Substitutions are accepted until the first day of class.

Providing Training with the Latest in Process Control Methods & Technology!

Enroll Today- Enroll Right Now- Seating is Limited.

**Please Call: Connie Goodman 804/858-5800 or
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